

2012年度

【一般入試前期A日程(2日目)】

1 限 目

注 意

1. 試験開始の合図があるまで、この問題冊子の中を見てはいけません。
2. 問題冊子は1部、解答用紙は1枚です。
3. 解答科目の選択方法は、下表のとおりです。○印は選択できる科目を、×印は選択できない科目を表しています。本日複数の学科(専攻・コース)を志願している方は選択できる科目を受験票で再度確認のうえ、解答科目を選択しなさい。

選択科目	募集学部・学科・専攻・コース						
	保健医療	医療福祉	医療経営	看護	心理科学	工	薬
	診療放射線 臨床工学 臨床検査学 理学療法学 作業療法学	医療福祉 介護福祉	医療経営	看護	臨床心理 コミュニケーション心理	住環境デザイン 情報通信	薬
英 語	○	○	○	○	○	○	○
数学 I・A	×	○	○	○	○	○	×
数学 I・A・II・B	○	×	×	×	×	×	○

4. 解答は全てマークセンス方式です。マークはHBの黒鉛筆(シャープペンシル可)で右の例のように正しくマークしなさい。

マーク例	●
------	---
5. 解答用紙には解答欄のほかに次の記入欄があります。
 - (1)受験番号欄
受験番号を受験番号欄の上欄に算用数字で記入し、さらにその下のマーク欄にマークしなさい。
 - (2)解答科目選択欄
解答する科目を1つだけ○で囲み、さらにその下のマーク欄にマークしなさい。
※受験番号および解答した科目が正しくマークされていない場合は、採点できないことがあります。
6. 記入したマークを訂正する場合は、プラスチック製消しゴムで完全に消し、改めてマークしなさい(消しくずを残さないこと)。
7. 解答用紙は折り曲げたり、汚したりしてはいけません。
8. 解答用紙の※印欄はマークしてはいけません。
9. 問題冊子と解答用紙にページの落丁・乱丁および印刷の不鮮明な箇所や汚れなどがある場合は、手を挙げて監督者に知らせなさい。
10. 試験終了後、問題冊子は持ち帰りなさい。

英 語

(解答番号 ～)

I 次の英文を読み、問1～問7について、それぞれ ① ～ ④ から最も適切なものを一つ選び、 ～ に入れなさい。 (28点)

In all the world's cultures, people sing, play instruments, and celebrate with music. Music plays such an important role in our lives that whole fields are devoted to its study, including one looking into the biology* of music. Experts are finding that because of the way our brains process music, learning to play an instrument or just listening to music can have a wide range of benefits.

Music education has received a lot of attention in recent years. Learning to play an instrument can help children improve math, science, and language skills. One study in Canada looked at children's IQ scores for nine months, discovering that children who studied music had the largest test-score improvements. The secret may lie in the way reading music and playing notes uses several regions of the brain, boosting our ability to learn school subjects. For example, reading musical notes improves spatial reasoning* skills, which are essential in solving problems of fractions*.

Music is also used for medical purposes, such as in the treatment of diseases which affect memory. The secret lies in the way the brain processes music. One area of the brain near the forehead connects music with memories stored in two other areas of the brain. That's why an old song can remind you of something that happened years ago. For patients suffering from diseases like Alzheimer's*, listening to music can help recall buried memories by strengthening musical roads to those memories.

Studies of the music-brain connection often focus on classical music since it makes both the left and right sides of our brains active. One study using MRI scans* observed people's brain activity as they listened to music by composer William Boyce. The study found that activity was highest during the short breaks between the movements of a piece. During each pause, the person's brain anticipated what would come next while organizing what he or she had just heard. This process of sorting beginnings and endings is similar to the way our brain organizes information and may explain why classical music can help improve memory.

Some people are taking the brain-music connection to another level by listening to particular “brain music.” First, a person’s unique brainwaves* are measured. Then, using a scientific procedure, the brainwaves are turned into short pieces of music. Listening to a relaxing piece (based on the person’s lower brainwaves) can slow the heart rate and lower blood pressure. In this case, a special computer program developed by the researchers is used to select unique, relaxing music which creates those same brain wave patterns when the person is trying to sleep. An active piece (based on his or her faster waves) can help the person concentrate and prepare for a difficult task.

It’s amazing how attuned* our brains are to music. Some scientists, such as Daniel Levitin, even think we’re born with the gift to learn music, just as we all have the ability to learn language. After all, children without any training frequently make up songs while they play. With the evidence of music’s benefits pouring in, it’s no wonder countries like Japan and Hungary make music study a part of their educational systems. People are recognizing that more than just a form of entertainment, music is also great for the brain.

出典：From ‘Reading Fusion 1’ by Andrew E. Bennett. Reproduced with permission of the author.

(注) *biology: 生態学 *spatial reasoning: 空間的推論 *fractions: 分数

*Alzheimer’s: アルツハイマー病 *MRI scans: 磁気共鳴映像法による検査

*brainwaves: 脳波 *attune: 調和する

問 1 Which of the following is the closest in meaning to the underlined word “lie”?

(1)

- ① to say something not true
- ② to take a rest
- ③ to exist
- ④ to find

問 2 According to the passage, which of the following is true?

(2)

- ① Learning math can help language skills.
- ② When you read music, you need to use several areas of the brain.
- ③ Music and memories are stored in the same areas of the brain.
- ④ Brain scientists have not studied classical music.

問3 According to the passage, which of the following is true? (3)

- ① Music is not important in our lives.
- ② People have recently paid much attention to music education.
- ③ Children in Canada had the largest improvements in music tests.
- ④ Effective note taking improves spatial reasoning skills.

問4 According to the passage, “brain music” is (4) .

- ① music which matches a person’s brain waves
- ② music for relaxing
- ③ music for reducing blood pressure
- ④ classical music

問5 According to the passage, Daniel Levitin believes (5) .

- ① people are born with the ability to learn both music and language
- ② buried memories can be recalled by listening to music
- ③ children need special training for making songs
- ④ Japan and Hungary should make music study a part of their educational systems

問6 According to the passage, which of the following is true? (6)

- ① Playing and listening to music can cure Alzheimer’s.
- ② William Boyce found that brain activity was highest when people listen to music.
- ③ Music is good for learning school subjects and improving memory.
- ④ The author believes the children shouldn’t study music.

問7 Which of the following would be the best title for this passage? (7)

- ① Music and the Mind
- ② Music and IQ
- ③ Music and Memory
- ④ Celebration with Music

II 次の各文の空所 (8) ~ (25) に入れる語句として最も適当なものを, それぞれ

① ~ ④ から一つ選びなさい。 (18点)

1 You must wait to eat the noodles until three minutes (8) .

- ① passed
- ② will pass
- ③ are going to pass
- ④ have passed

- 2 [9] do you think Tom's plan received so much opposition?
 ① Which ② What ③ Why ④ As
- 3 I stopped [10] the book and turned off the light.
 ① reading ② to read ③ to reading ④ read
- 4 Our new classroom has much [11] space than the old one.
 ① fewer ② big ③ more ④ amount
- 5 Your package is due to arrive [12] Wednesday, March 2nd.
 ① in ② on ③ for ④ at
- 6 James [13] for more than two hours when it began to rain.
 ① has been running ② has run ③ will be running ④ had been running
- 7 Students [14] want to take an extra examination should say so right now.
 ① where ② which ③ who ④ whom
- 8 Tom promised me that he [15] the job by last Wednesday.
 ① would have finished ② would finish ③ finishes ④ will finish
- 9 [16] so much time left, we could eat our lunch before the train left.
 ① Having ② Have ③ In ④ On
- 10 Driving a car without wearing a seat belt is [17] dangerous.
 ① extreme ② extremely ③ many ④ too much
- 11 Cathy can swim no [18] than the average time for her age.
 ① best ② good ③ bad ④ worse
- 12 The office was quiet [19] the sound of the secretary's typing.
 ① except for ② excepted ③ except but ④ except
- 13 I don't care how long it takes, [20] my dreams come true.
 ① as far as ② as much as ③ as soon as ④ as long as
- 14 The author used those two cases [21] his opinions.
 ① are supporting ② supported ③ to support ④ to be supported
- 15 My mother is trying to find [22] who broke the window.
 ① up ② out ③ at ④ in
- 16 [23] you have a point, you should not speak during the meeting.
 ① Also ② However ③ Nevertheless ④ Unless
- 17 Our hope is [24] our class will win the race.
 ① how ② what ③ which ④ that
- 18 He won an amazing amount of praise from the [25] team.
 ① oppose ② opposed ③ opposing ④ opportunity

Ⅲ 次の会話文A～Cの空所 (26) ～ (34) に入れるのに最も適当な英文を、それぞれの解答群の ① ～ ④ から一つ選びなさい。(18点)

会話文A

A: Where do you want to go for dinner?

B: I don't know. (26)

A: It's too expensive at that restaurant.

B: You're right.

A: (27) How about that new Japanese restaurant in town?

B: OK. We can go there or we can order out.

A: Ordering out sounds good.

B: (28)

A: I will, right now. I'm really hungry.

(26)の解答群

- ① Why don't we go to the sushi restaurant on the corner?
- ② Why don't we stay at home instead of going out?
- ③ Let's find out which restaurant is open.
- ④ I have no idea where we should go.

(27)の解答群

- ① I like Italian food.
- ② It's up to you.
- ③ We could stay in.
- ④ I still want to have Japanese food.

(28)の解答群

- ① Let's go there now.
- ② Why don't you give them a call?
- ③ Why not going to another one?
- ④ Let's go to the Italian restaurant.

会話文B

A: Excuse me. (29)

B: In 45 minutes.

A: I'd like to buy a round-trip ticket on that train.

B: (30)

A: July 5th, around 1:30.

B: There are no seats available on the 1:25 train. Is 1:50 OK?

A: I need to be back by 3:30. (31)

B: An hour and 20 minutes.

(29)の解答群

- ① How far is Springfield?
- ② What time is it?
- ③ How long does it take to get to Springfield?
- ④ When does the next train leave for Springfield?

(30)の解答群

- ① When would you like to leave?
- ② How long would you like to stay?
- ③ When would you like to return?
- ④ What is the date today?

(31)の解答群

- ① How long does the trip take?
- ② Is there an earlier train?
- ③ How about the train before 1:25?
- ④ What time does it arrive here?

会話文C

A: New Home Furniture. May I help you?

B: Hello. (32)

A: Until 7 pm.

B: (33)

A: Yes. On Saturdays and Sundays, we're open until 8 pm.

B: Great. I think I'll come by this Saturday. (34)

A: Actually, we moved. We're about half an hour north of there, on Fifth Street.

(32)の解答群

- ① What time do you open tomorrow?
- ② What are your hours tomorrow?
- ③ How many hours are you open tomorrow?
- ④ How late are you open tomorrow?

(33)の解答群

- ① How late are you open on the weekend?
- ② Are you open any later on the weekend?
- ③ Are you open the same hours on the weekend?
- ④ What other days are you open?

(34)の解答群

- ① You're at the corner of Fifth and Elm Streets, right?
- ② Can you please tell me how to get to your store?
- ③ You recently moved to Fifth Street, right?
- ④ Can you tell me where your store is?

IV

次のA～Dの各問いに対し、その解答を (35) ～ (50) に入れなさい。 (16点)

A 次の1～4の各英文の下線部と最も近い意味を持つ単語を、それぞれ ① ～ ④ から一つ選びなさい。

- 1 You can notice the rapid development of information networks. (35)
 ① metaphor ② advance ③ equality ④ diversity
- 2 Tom is very severe with people who have bad manners. (36)
 ① strict ② visible ③ horrible ④ sacred
- 3 Environmental problems are a topic of universal interest. (37)
 ① competitive ② unexpected ③ false ④ global
- 4 The final report should include information on the country's history. (38)
 ① swallow ② illustrate ③ contain ④ scatter

B 次の1～4の各英文の下線部と反対の意味を持つ単語を、それぞれ ① ～ ④ から一つ選びなさい。

- 1 There are many clues to ancient civilization in this book. (39)
 ① faint ② psychological ③ modern ④ dominant
- 2 You must obey the laws in this country. (40)
 ① break ② cope ③ relieve ④ compose
- 3 Her mother's parents strongly objected to our marriage. (41)
 ① wandered ② devoted ③ agreed ④ restored
- 4 Mr. Williams was praised for his major contribution to world peace. (42)
 ① disturbed ② forgave ③ adjusted ④ criticized

C 次の1～4につき、それぞれ ① ～ ④ のなかで、下線部の発音が他と異なる単語を一つ選びなさい。

- 1 ① priest ② briefly ③ tie ④ piece (43)
- 2 ① separately ② ugly ③ clearly ④ analyze (44)
- 3 ① infant ② identify ③ sigh ④ tightly (45)
- 4 ① increase ② confuse ③ expose ④ otherwise (46)

D 次の1～4につき、それぞれ ① ～ ④ のなかで、最も強いアクセントのある音節の位置が前から数えて他と異なる単語を一つ選びなさい。

- 1 ① ar·range·ment ② sig·na·ture ③ hon·est·ly ④ at·mo·sphere (47)
- 2 ① ad·ver·tise ② or·ches·tra ③ av·e·rage ④ re·cov·er (48)
- 3 ① con·scious·ness ② her·i·tage ③ con·sid·er ④ par·a·graph (49)
- 4 ① pho·tog·ra·pher ② nev·er·the·less ③ psy·chol·o·gist ④ re·la·tion·ship (50)

V 次の1～10の日本語に合う最も自然な英文になるように、それぞれの語群を並べ替え、
 (51) ～ (70) に入る語を一つ選びなさい。ただし、文頭にくる語も小文字で書かれて
 いる。各問の解答が共に正しい場合のみ正解とする。 (20点)

1 その人形は、色とりどりの花と葉で作られていた。

The doll () ((51)) () ((52)) () and leaves.

① was ② constructed ③ flowers ④ colorful ⑤ of

2 こんな本は簡単に誰かから借りられるよ。

You can easily () ((53)) () ((54)) () from someone else.

① kind ② book ③ borrow ④ of ⑤ this

3 家計に響くため、彼らは増税に反対した。

They opposed the tax raise because () ((55)) () ((56)) () .

① households ② of ③ impact ④ its ⑤ on

4 専門家が報告書を詳細に分析した。

The () ((57)) () ((58)) () .

① analyzed ② the report ③ detail ④ expert ⑤ in

5 恥を忍んで彼から金を借りた。

I () ((59)) () ((60)) () from him.

① some money ② my pride ③ swallowed ④ borrowed ⑤ and

6 その材料は、岩と砂から構成されている。

() ((61)) () ((62)) () and sand.

① of ② composed ③ the material ④ is ⑤ rocks

7 私は教授の職に推せんされているのを知った。

I () ((63)) () ((64)) () of professor.

① the post ② for ③ found ④ recommended ⑤ myself

8 肉を焼く時はいつひっくり返すかを知るのが大切だ。

It's important to know when to () ((65)) () ((66)) () .

① meat ② when ③ cooking ④ turn ⑤ it

9 こぼしたものをネクタイで拭いちゃだめだよ。

Don't use () () () () () spills.

① tie ② up ③ wipe ④ to ⑤ your

10 テレビ番組はそのニュースで中断された。

The TV () () () () () .

① the news ② was ③ for ④ interrupted ⑤ program

ご注意

1. 本書の一部あるいは全部について，発行者の許可を得ずに，無断で複写・転写することは禁じられています。
2. 本書の内容に誤り・誤字脱字などございましたら，ご連絡いただくと幸いです。

2012/8/1

発行・制作:広島国際大学入試センター

連絡先:739-2695 広島県東広島市黒瀬学園台555-36

TEL: 0823-70-4500 FAX: 0823-70-4518

Mail: nyushi@ofc.hirokoku-u.ac.jp

URL: <http://www.hirokoku-u.ac.jp/>

Copyright © 2012 Hiroshima International University, All rights reserved.
